

**EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1408	(381/98-100).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/06/17 21:23
L2	3121	(381/102-104,56-58). CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/06/17 21:23
L3	2499	(333/28R,28T).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/06/17 21:23
L4	23	((high near2 pass) near20 (amplify amplificat\$3) near20 (low near2 pass)) and ((mic microphone sensor) near10 noise)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/06/17 21:23
L5	233	((high near2 pass) near20 (amplif\$3 amplificat\$3) near20 (low near2 pass)) and ((mic microphone sensor) near10 noise)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/06/17 21:23
L6	3	L1 and ((high near2 pass) near20 (amplif\$3 amplificat\$3) near20 (low near2 pass)) and ((mic microphone sensor) near10 noise)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/06/17 21:23
L7	5	L2 and ((high near2 pass) near20 (amplif\$3 amplificat\$3) near20 (low near2 pass)) and ((mic microphone sensor) near10 noise)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/06/17 21:23
L8	0	L3 and ((high near2 pass) near20 (amplif\$3 amplificat\$3) near20 (low near2 pass)) and ((mic microphone sensor) near10 noise)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/06/17 21:24

S1	284	(381/99).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/08/31 13:55
S2	1	tourwe.in. and amplifier and filter and frequency and match\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/08/31 13:56
S3	406	philips.AS. and amplifier and filter and frequency and match\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/08/31 13:56
S4	61	philips.AS. and amplifier and filter and (frequency near5 match\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/08/31 14:03
S5	1	("5714918").PN.	USPAT	OR	OFF	2008/08/31 14:04
S6	12	philips.AS. and high near20 low near20 (frequency near10 match \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/08/31 14:05
S7	49	"381"/\$.ccls. and high near10 low near10 (frequency near10 match \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/08/31 14:06
S8	1	("20030216907").PN.	US-PGPUB; USPAT	OR	OFF	2008/08/31 14:18
S9	1074	(381/98).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/08/31 14:37
S10	2489	(333/28R,28T).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/08/31 14:38
S11	0	W0-0101570-\$ did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/08/31 15:05

S12	0	W0-100101570-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/08/31 15:06
S13	0	W0-200101570-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/08/31 15:06
S14	0	W0-2001001570-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/08/31 15:06
S15	0	W0-01001570-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/08/31 15:06
S16	0	W0-0101570-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/08/31 15:06
S17	0	W0-101570-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/08/31 15:06
S18	4	kogler.in. and infineon	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/08/31 15:13
S19	0	"381"/\$.ccls. and (sensor microphone) near20 (cutoff cut-Off) near20 frequency near20 increas \$2 near20 decreas\$3 near20 low near20 high	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/01 10:12
S20	0	"381"/\$.ccls. and (cutoff cut-Off) near20 frequency near20 high near20 (average mean) near20 (gain amplification amplitude volume)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/01 10:14

S21	8	"381"/\$.ccls. and (cutoff cut-Off) near20 frequency near20 high near20 ("300" near4 Hz)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/01 10:14
S22	0	"381"/\$.ccls. and (cutoff cut-Off) near20 frequency near20 low near20 ("2" near4 kHz) near20 sample	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/01 10:15
S23	15	"381"/\$.ccls. and (cutoff cut-Off) near20 frequency near20 low near20 ("2" near4 kHz)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/01 10:15
S24	0	"381"/\$.ccls. and (cutoff cut-Off) near20 frequency near20 high near20 ((determin\$3 calculat\$2) near5 noise near5 level)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/01 10:21
S25	0	"381"/\$.ccls. and (cutoff cut-off) near20 frequency near20 high near20 ((determin\$3 calculat\$2) near5 noise near5 level)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/01 10:21
S26	1	"381"/\$.ccls. and (cutoff cut-off) near20 frequency near20 high near20 (average mean) near20 (gain amplification amplitude volume)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/01 10:21
S27	2	(("5714918") or ("5200709")).PN.	USPAT	OR	OFF	2008/09/01 10:29
S28	0	S27 and (code instructions program computer disc disk medium)	USPAT	OR	OFF	2008/09/01 10:29
S29	0	"381"/\$.ccls. and (cutoff cut-off) near20 frequency near20 high near20 ((determin\$3 calculat\$2) near10 noise near10 level)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/01 10:49
S30	2949	(381/102-104,56-58). CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/09/01 11:04

S31	5	(("5714918") or ("4706290") or ("5200709") or ("5018205") or ("20060153403")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/11 18:10
S32	1391	(381/98-100).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/02/11 18:23
S33	3044	(381/102-104,56-58).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/02/11 18:24
S34	2495	(333/28R,28T).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/02/11 18:24
S35	1	tourwe.in. and amplifier and filter and (frequency near20 increas\$2 near20 decreas\$2 near20 background near20 noise)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/02/11 18:26
S36	2	"381"/\$.ccls. and (high near20 pass near20 (cutoff cut-off) near20 frequency near20 increas \$2 near20 noise)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/02/11 18:45
S37	10	(low near10 pass near10 high near20 pass near20 (cutoff cut-off) near20 frequency near20 increas \$2 near20 noise)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/02/13 13:14
S38	19	(low near10 pass near10 (cutoff cut-off)) and (high near20 pass near20 (cutoff cut-off)) and (frequency near20 increas \$2 near20 decreas\$2 near10 noise)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/02/13 13:16
S39	22	(low near10 pass near10 (cutoff cut-off) near10 decreas\$2) and (high near20 pass near20 (cutoff cut-off) near10 increas\$2) and (frequency near20 noise)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/02/13 13:27

S40	20	(high near20 pass near20 (cutoff cut-off) near20 frequency near20 increas \$2 near20 noise)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/02/13 14:59
S41	34	(low near10 pass near10 (cutoff cut-off) near10 decreas\$2) and (high near20 pass near20 (cutoff cut-off) near10 increas\$2) and (frequency)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/02/16 13:56
S42	8	"381"/\$.ccls. and (high near2 pass) near10 (low near2 pass) near10 (frequency near10 match \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/02/16 14:33
S43	1394	(381/98-100).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/02/16 14:37
S44	161	"381"/98-100,102-109. ccls. and (frequency near5 match\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/02/16 14:37
S45	65	"381"/98-100,102-109. ccls. and (frequency near5 match\$3) and (low near2 pass) and (high near2 pass)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/02/16 14:38
S46	7	"381"/98-100,102-109. ccls. and (high near2 pass) near20 (amplify amplificat\$3) near20 (low near2 pass)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/02/16 16:00
S47	48	(high near2 pass) near20 (amplify amplificat\$3) near20 (low near2 pass) near20 noise	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/02/16 16:02
S48	5	("5714918") or ("4706290") or ("5200709") or ("5018205") or ("20060153403").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/16 16:05
S49	2	S48 and noise	US-PGPUB; USPAT	OR	OFF	2009/02/16 16:05

S50	1	S48 and (mic microphone sensor)	US-PGPUB; USPAT	OR	OFF	2009/02/16 16:06
S51	1	("20030216907").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/16 16:13
S52	23	((high near2 pass) near20 (amplify amplificat\$3) near20 (low near2 pass)) and ((mic microphone sensor) near10 noise)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/02/16 16:30
S53	225	((high near2 pass) near20 (amplif\$3 amplificat\$3) near20 (low near2 pass)) and ((mic microphone sensor) near10 noise)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/02/16 16:35

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